

Version : 05  
Update : 10/30/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	dATP (100 mM) ≥99% HPLC
Cat. No.:	C01577
Lot No.:	M2311032
Expiry Date:	27-May-2026
Size:	Specified on product label
CAS No.:	1927-31-7
MV:	557.2
Molecular Formula:	$C_{10}H_{13}N_5Na_3O_{12}P_3$
Storage condition:	Stable at -20°C. Always avoid freeze-thaw cycles or exposure to frequent temperature changes.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Pass
Concentration	100mM±3%	Pass
HPLC Purity	≥99%	Pass
λ max	259nm±2nm	Pass
Absorbance Ratios (pH7.0)	A250/A260 0.75-0.81 A280/A260 0.13-0.18	Pass
pH(22 ~ 25°C)	7.0±0.1	Pass

Date: 12/01/2023

Approved by: *Dandan Yao*

Quality Department

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China